

Abstract of the Disclosure

A plasma sprayed ceramic-metal fuel electrode is provided. The fuel electrode has particular application in connection with a solid oxide fuel cell used within a power generation system. The fuel cell advantageously comprises an air electrode, an 5 electrolyte formed on at least a portion of the air electrode, a plasma sprayed ceramic-metal fuel electrode formed on at least a portion of the electrolyte, and an interconnect layer to connect adjacent cells in a generator.